

MIAMI-DADE COUNTY, FLORIDA METRO-DADE FLAGLER BUILDING 140 WEST FLAGLER STREET, SUITE 1603 MIAMI, FLORIDA 33130-1563 (305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Therma-Tru Corporation 108 Mutzfeld Road Butler, IN 46721

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "Landmark" 6'8" S/E Inswing Opaque Insulated Steel Door w & wo Sidelites

APPROVAL DOCUMENT: Drawing No. **S-2191**, dated 12/2/01, with revision 1 dated 03/12/03, titled "Landmark Steel Edge" Single & Double Inswing 6-8 Opaque Door, sheets 1 through 7, prepared by R. W. Building Consultants, Inc., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant for Doors Only

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



NOA No 02-0205.02 Expiration Date: May 1, 2008 Approval Date: May 1, 2003 Page 1

Therma-Tru Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.

2. Drawing No. S-2191, dated 12/2/01, with revision 1 dated 03/12/03, titled "Landmark Steel Edge" Single & Double Inswing 6-8 Opaque Door, sheets 1 through 7, prepared by R. W. Building Consultants, Inc.

B. TESTS

1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94

- 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
- 3) Water Resistance Test, per SFBC, PA 202-94
- 4') Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94
- 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
- 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of a Landmark series opaque steel edge steel door x configuration, prepared by ETC Laboratories, Test Report No. ETC 01-741-11237.0, dated 11/21/01, signed and sealed by Mark D. Passero, P.E.

2. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94

- 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
- 3) Water Resistance Test, per SFBC, PA 202-94
- 4) Large Missile Impact Test per SFBC, PA 201-94
- 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
- 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of a Landmark series opaque steel edge steel door, prepared by ETC Laboratories, Test Report No. **ETC 01-741-11239.0**, dated 01/07/01, signed and sealed by Mark D. Passero, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis dated 01/29/02, prepared, signed and sealed by Lyndon F. Schmidt, P.E.

Manuel Perez, P.E. Product Control Examiner NOA No 02-0205.02

Expiration Date: May 1, 2008 Approval Date: May 1, 2003

Therma-Tru Corporation

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D. MATERIAL CERTIFICATIONS

- 1. Tensile Test prepared by ETC Laboratories, Report No. ETC-01-741-11245.0, dated 12/13/01, for steel sheet samples of "Benchmark" doors, tested per ASTM E8-96, signed and sealed by Mark D. Passero, P.E.
- 2. Test reports No. **J20039349-231**, issued to General Products for steel skin door w/BASF polyurethane cores for 45 minute full vertical fire test standard "Fire Test of Door Assemblies" per UBC Standard 7-2 (1994), NFPA-252 (1999), and UL 10B (1997) dated February 28, 2001, issued by Intertek Testing Services NA Inc., signed by Kent Kelsey and Andrew Hyun, Ph. D.
- 3. Test reports No. J97027616a-231 for "20 minute Full Scale Vertical Test Conducted on a Foam Filled Steel Door" per ASTM E-152-81a, dated January 9, 1998, issued by Intertek Testing Services.
- 4. NOA No.01-0718.08 issued to ODL, Inc. for their HP Polypropylene Doorlight Assembly, approved on 01/17/2002 and expiring on 01/17/06.

E. STATEMENTS

- 1. Statement letter of conformance and no financial interest, dated January 29, 2002, signed and sealed by Lyndon F. Schmidt, P.E.
- 2. Statement letter of no financial interest, dated September 6, 2001, signed by Steven Kepler.
- 3. Statement letter naming Mr. Rick Wright as their representative and contact person, signed by Steve Kepler

F. OTHER

1. None.

Manuel Perez, P.E.
Product Control Examiner
NOA No 02-0205.02

Expiration Date: May 1, 2008 Approval Date: May 1, 2003

THERMA TRU® "LANDMARK"

STEEL EDGE INSULATED DOOR 6'8 INSWING WITH & WITHOUT SIDELITES

GENERAL NOTES

- 1. THIS PRODUCT IS DESIGNED TO MEET THE FLORIDA BUILDING CODE. 2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- 3. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 4. DESIGNED PRESSURE RATING SEE TABLE PAGE 1.
- 5. THIS PRODUCT DOES NOT MEET THE WATER REQUIREMENTS FOR HIGH WIND ZONE VELOCITY AREA.
- UNIT SHALL BE INSTALLED ONLY AT LOCATIONS PROTECTED BY CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES. UNLESS UNIT IS INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT AND THE AREAS
- ARE DESIGNED TO ACCEPT WATER INFILTRATION.
 WHEN THIS PRODUCT IS USED IN AREAS REQUIRING WINDBORNE DEBRIS PRODUCTS, FLORIDA BUILDING CODE APPROVED IMPACT RESISTANT SHUTTERS ARE REQUIRED FOR THE SIDELITES ONLY.
 SIDELITES ARE AN OPTION AND CAN BE USED IN A SINGLE OR
- DOUBLE CONFIGURATION.

RESIDENTIAL INSULATED STEEL DOOR (Common to all frame conditions)

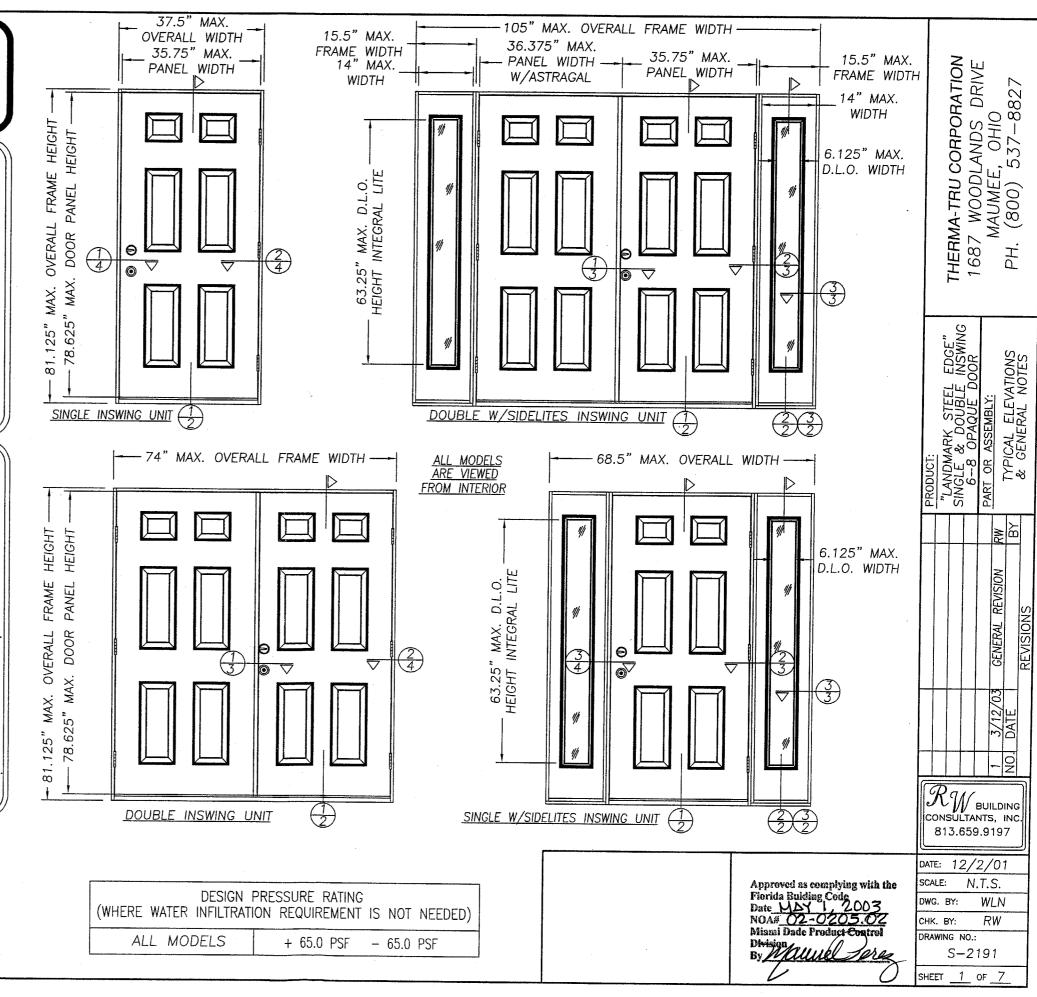
Door & Sidelite Leaf Construction:

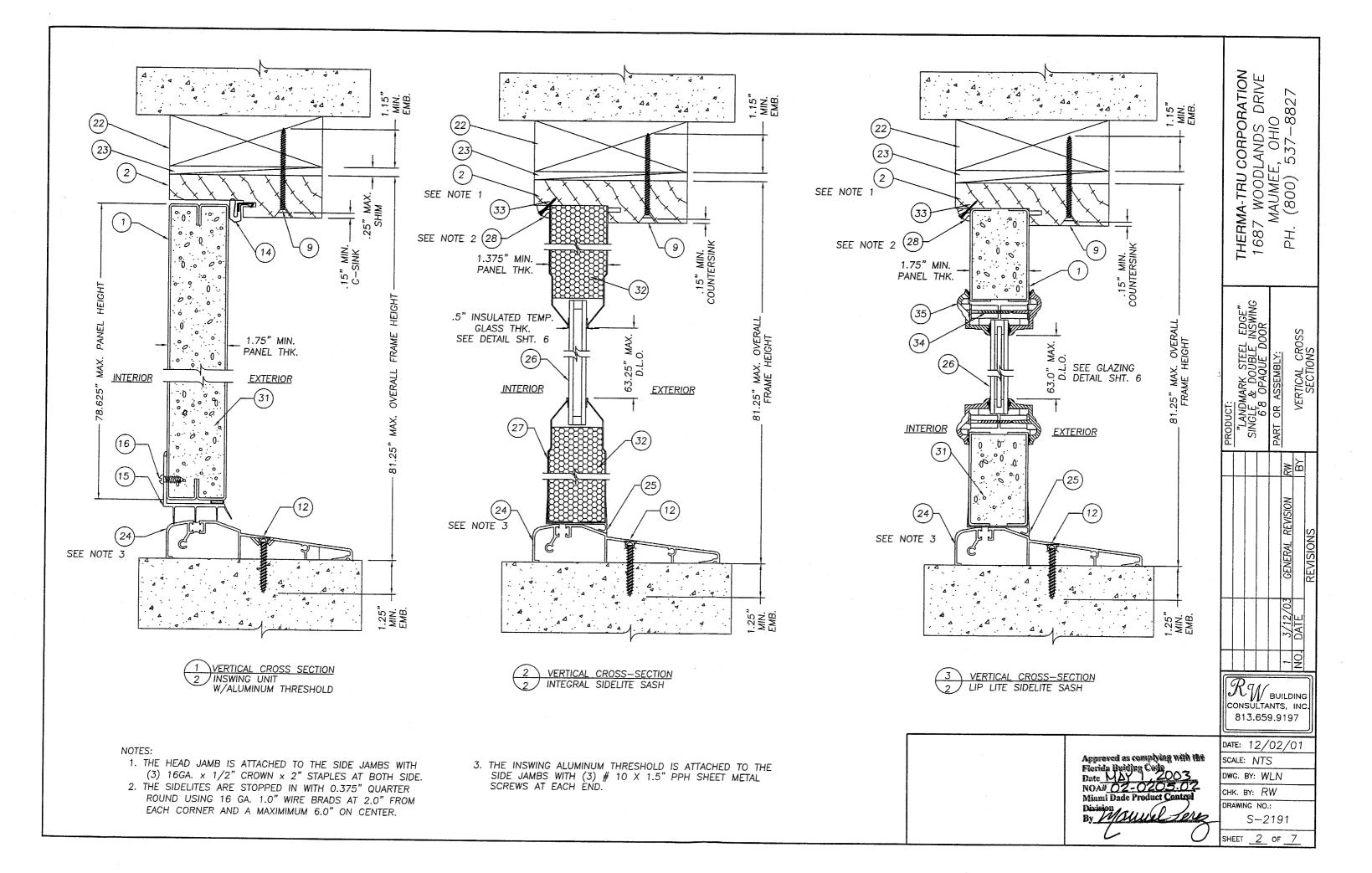
Face sheets:panel door 25 ga. (0.019") minimum thickness & sidelite panel 0.021" minimum thickness, Galvanized steel A-525 commercial quality - AKDQ per ASTM 620 with yield strength Fy(ave.)=40,561 psi.

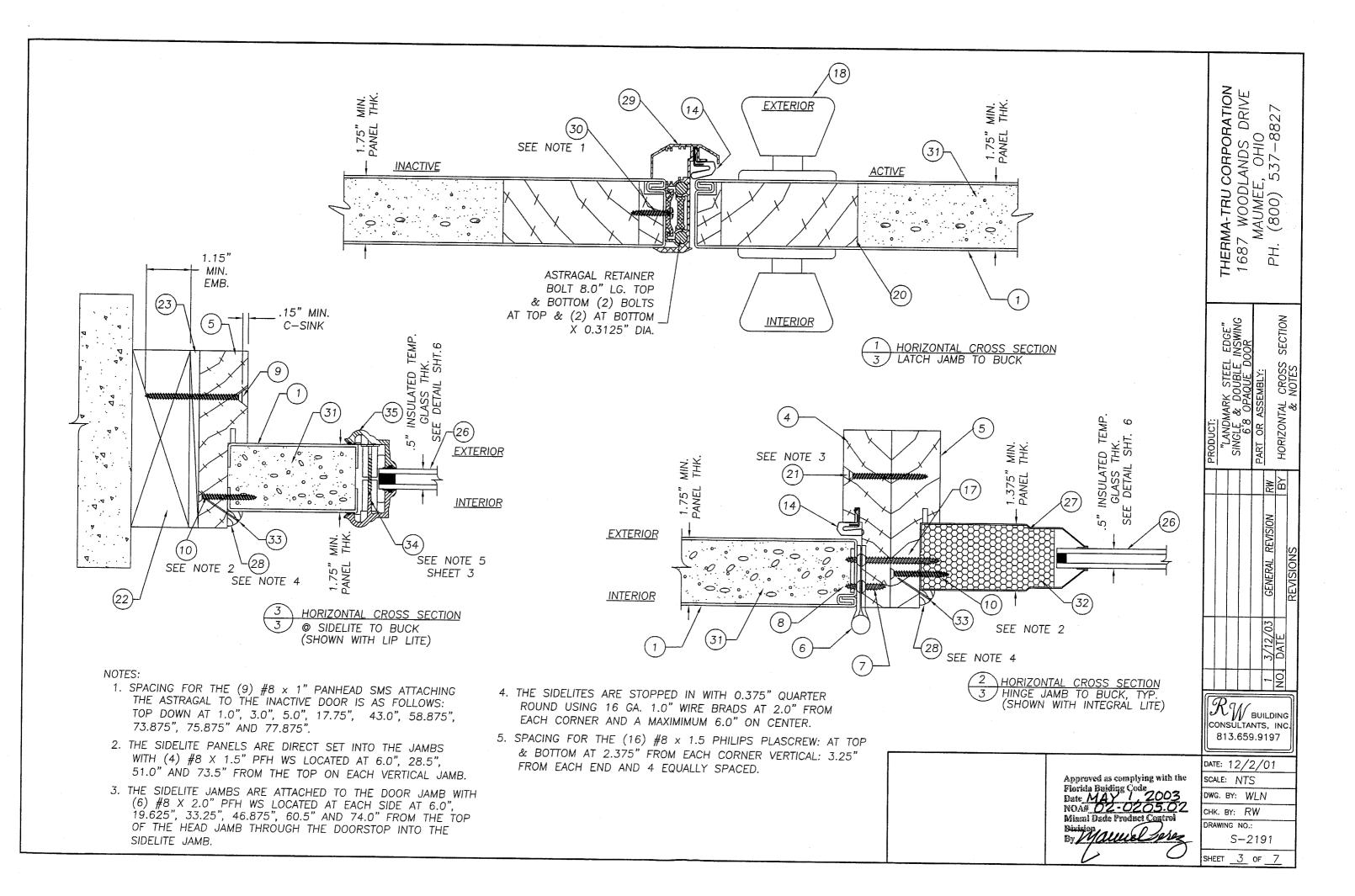
Core design: Polyurethane foam core, with 1.9 lbs. density by BASF. <u>Construction</u>: Flush or embossed type. The vertical edges are extensions of the skin, rolled formed to a mechanical interlock, horizontal edges are welded together at two places 6.5" from each corner. Frame Construction: The frame is constructed from finger jointed pine measuring 4.563" wide x 1.25" thick. The header is joined to the side jambs with (3) 16 ga. 1/2" crown x 2" long staples at each side. The threshold is joined to the side jambs with (3) #10 x 1.5" PFH SMS at each side. The mullions are secured together in a sidelite application using #10 x 2" long PFH Wood Screws (6) screws per each mullion. The unit uses an Inswing saddle threshold measuring 5.563" x 1.125'

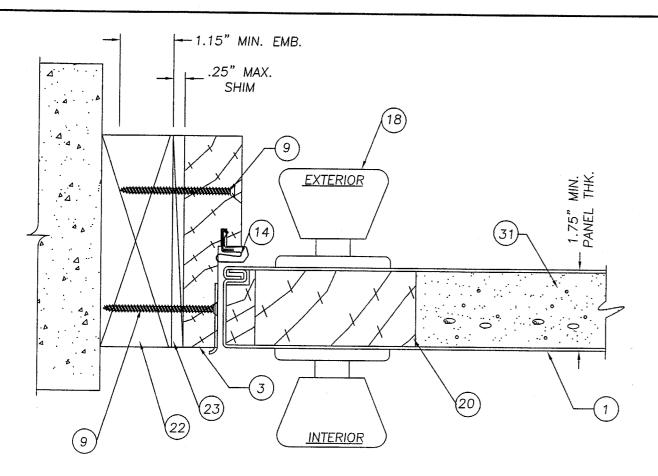
Sidelite Glazina: The sidelite panels are sandwich glazed using a two piece lip lite frame. They are dry glazed on the exterior with an 1/8" thk. cellular glazing tape, (Stik—II Tape). with the silicone caulking and secured to the steel panel with #8 X 1.5" Philips Plascrew. The integral lite was glazed between the steel face sheets with glazing ltape and sealed on the exterior with a silicone caulking cap bead.

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SHEET #	DESCRIPTION							
1	TYPICAL ELEVATIONS & GENERAL NOTES							
2	VERTICAL CROSS SECTIONS							
3	HORIZONTAL CROSS SECTIONS & NOTES							
4	HORIZONTAL CROSS SECTIONS & BILL OF MATERIAL							
5	ANCHORING LOCATIONS & DETAILS							
6	ANCHORING LOCATIONS & GLAZING DETAIL							
7	UNIT COMPONENTS							

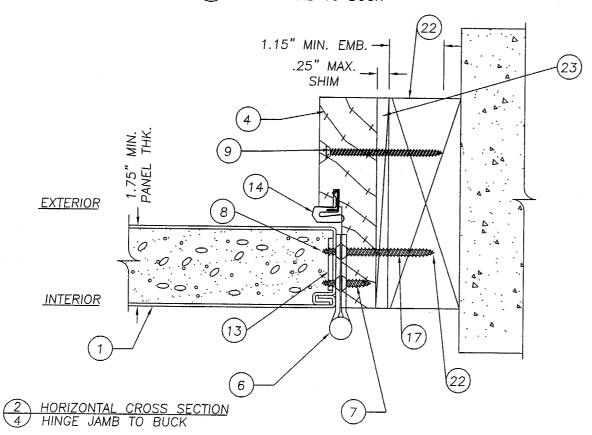








HORIZONTAL CROSS SECTION LATCH JAMB TO BUCK



DOOR PANEL STEEL FACE SHEETS (.019" MIN. THK.) fy= 40,561 psi STEEL	Item	DESCRIPTION	1
2			Material
3	<u> </u>	DOUR PANEL STEEL FACE SHEETS (.019" MIN. THK.) fy= 40,561 psi	
6 4" x 4" RADIUS HINGE PROPRIETARY .097" THK. STEEL 7 #10 x 3/4" LG. (Hinge to Frame) STEEL 8 #10 x 1/4" LG. (Hinge to Door) STEEL 9 #8 x 2 1/2" LG. WOOD SCREW STEEL 10 #8 X 1 1/2" PFH WS STEEL 10 #8 X 1 1/2" PFH WS STEEL 11 #8 x 2 1/2" PFH WS STEEL 12 3/16" TAPCON ANCHOR (ELCO) STEEL 13 HINGE REINFORCEMENT PLATE STEEL 1.125" WIDE x 5.25" LONG x 0.050" THICK STEEL 14 COMPRESSION WEALTHERSTRIP (Thermo-Tru) VINYL 15 THERMA-TRU ADJUSTABLE SWEEP VINYL 16 #8 x 1/2" LG. TYPE "AB" PANHEAD STEEL 17 #10 WOOD SCREW X 2" LG. STEEL 18 KWIKSET 700 DL PASSAGE WOOD 19 KWIKSET 700 DEADBOLT WOOD 20 LATCH & DEADBOLT WOODBLOCK WOOD 21 #8 x 2" PFH WS STEEL 22 2x WOOD SUB BUCK WOOD 23 MAX. 1/4" SHIM MATER		4 9/10 HEADER	
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7		4 9/16 BLANK JAMB	
8		4 x 4 RADIUS HINGE PROPRIETARY .097" THK.	
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11	8	#10 x 1/4" LG. (Hinge to Door)	
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70 01 17110 7100 1111 1/	35	LIP LITE FRAME .5 GLASS BY O.D.I.	JILLL
DOTTE	36	GLAZING TAPE DEVAN #566.12	BUTYI

THERMA-TRU CORPORATION DRIVE 37 WOODLANDS DRIN MAUMEE, OHIO 1. (800) 537—8827 1687 PH.

PRODUCT:	" " " " " " " " " " " " " " " " " " "	SINGLE & DOLIDE NOWING	6'8 OPAQUE DOOR		PART OR ASSEMBLY:			& BILL OF MATERIAL	
		-				RW	à		
						GENERAL REVISION		REVISIONS	
						3/12/03	DATE		
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Approved as complying with the Florida Building Code 2003
Date MALE 2005 OF NOA# 02 - 0205 OF Miami Dade Product Control

SCALE: NTS DWG. BY: WLN CHK. BY: RW

DRAWING NO .: S-2191 SHEET 4 OF 7

813.659.9197

DATE: 12/2/01

